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Calculating Mean, Median and Mode Using Excel

How to Get a Random Sample from CensusAtSchool

Go to the CensusAtSchool Random Sampler to download a sample.X
Reference year: *(select year)* **Sample size:** *At least 50 students*
Select questions: *Hours of sleep on a school night*
Location: *Select location* **Year level:** *(select a range of year levels)*

To protect privacy there is a rule built into the sampler that the requested sample size cannot exceed 10% entered.

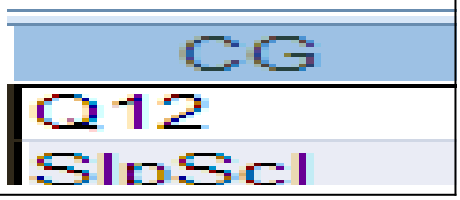
Task:

In the CensusAtSchool random sample find data for Hours of Sleep on a School Night.

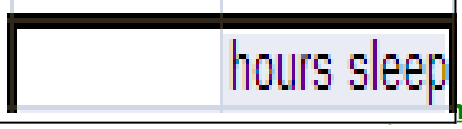
2. Select a new sheet from the tab at the bottom of the page and paste your data.

3. Order your data by selecting it and going to Data > Sort and entering the reference cell for

have an arrow. Click to select the whole column. Right click or go to Edit to select Copy.



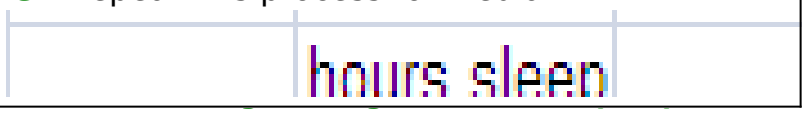
4. To find the mode you can count (or use COUNTIF) to determine the most commonly occurring value. Set up a frequency table in empty cells and fill in the mode.



5. To find the Mean, place your cursor in the cell next to mean in the frequency table and enter the formula
= AVERAGE(a2:a97)

Where a2 is the first cell of the data a97 is the last cell in the column. Enter

6. Repeat this process for Median



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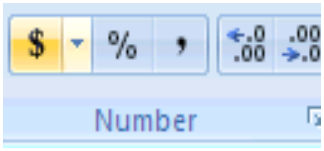
7. Change the number of decimal points in your answer
selecting the Number tab in the Home Menu. Click the arrc
pointing to the right to reduce the number of decimal plac



8. Write a sentence explaining your results

6. Finally, you can open a Word document and select and copy your chart. Paste it into your document and write a few sentences about what you discovered